APPENDIX A
(PAGES 1-4)

```php
<?php
/* This is the function that uses showAd (seen below) to create a listing of
 * messages in a board.  There are multiple ways to sort and display a board
 * but the ad display code is identical.
 */

function showResponses($depth=0,$highlightColor="EEEEEE",$startMessage=0) {
  $messagesPerPage=$GLOBALS["WOLFBOARDOPTIONS"]["messagesperpage"];

  print "<!--start message depth=$depth-->";
  static $messageCnt;
  static $adCnt;

  if($depth==0) {
    $messageCnt=0;
    $adCnt = 0 + floor($_GET[startMessage]/$GLOBALS[WOLFBOARDOPTIONS][messagesperpage]/6);
    $adCnt = 0 + floor($_GET[startMessage]/$GLOBALS[WOLFBOARDOPTIONS][messagesperpage])*floor($GLOBALS
[WOLFBOARDOPTIONS][messagesperpage]/6);
    $this->showResponses(1,$highlightColor,$startMessage);
  }
  else {

    print "<UL>";

    $followupArray=$this->getResponses();
    reset($followupArray);
    while(list($junk,$followup)=each($followupArray)) {
    $numResponses=$followup->getNumResponses();

    if($messageCnt % 2==0) {
      $bgColor="FFFFFF";
    }
    else {
      $bgColor="$highlightColor";
    }
    if($messageCnt>=$startMessage && $messageCnt<$startMessage+$messagesPerPage) {
      print "<LI STYLE=\"BACKGROUND-COLOR: $bgColor\">";

    $bullet="/images/spacer.gif";

    $followup->showTitle($bullet);

    if($_SESSION["loggedIn"]) {
      $potentialAdmin=new CwolfUser($_SESSION["userID"]);
      if($potentialAdmin->access>0) {
        print " <A HREF=\"/edit.php?post=".$followup->primkey."&dbname=wolfboard";
```

```php
        if(!isset($_GET[boardname]))
            $_GET[boardname] = $_GET[boardpath];
        print $_GET[boardname]."\">Edit</A>";
    print "(<A HREF=\"/deletemessage.php?action=deletethread&primkey=".$followup-
>primkey."&dbname=wolfboard".$_GET[boardname]."\">Delete this and all replies</A>) ";
    print "(<A HREF=\"/deletemessage.php?action=deleteandpromote&primkey=".$followup-
>primkey."&dbname=wolfboard".$_GET[boardname]."\">Delete this and promote replies</A>)  (<a
href=\"/accountdisable.php?user=$this->userID\">Disable this user's account</a>)";
        }

    print "</LI>";

    }
    $messageCnt++;

    // we want a pair of ads every twelve lines.
    //and we don't want to print extra ads if there aren't enough messages in subsequent pages.  --T
        if(($messageCnt % 12) == 0 && ($messageCnt>$startMessage &&
$messageCnt<$startMessage+$messagesPerPage)) {
        $id = getBoardIDByTopicName($GLOBALS["WOLFBOARDOPTIONS"]["boardname"]);
        showAd($id,++$adCnt);
        showAd($id,++$adCnt);
        }

if($numResponses>0)
    $followup->showResponses($depth+1,$highlightColor,$startMessage);
    }
    print "<!--end message depth=$depth-->";

    print "</UL>";

    }

if($depth == 0 && $startMessage > 0)
    echo "<a href=\"".$_SERVER[PHP_SELF]."?startMessage=".max($startMessage - $messagesPerPage,0)."\">&lt;--
Previous ".$messagesPerPage." Messages</a>";

if($depth == 0 && $startMessage > 0 && $messageCnt >= $startMessage + $messagesPerPage)
    echo "  |   "; // separate next and prev when both are there.

if($depth == 0 && $messageCnt >= $startMessage + $messagesPerPage)
    echo "<a href=\"".$_SERVER[PHP_SELF]."?startMessage=".($startMessage + $messagesPerPage)."\">Next
".$messagesPerPage." Messages --&gt;</a>";
    }

function showThisAndResponses() {
    print "\n<TABLE WIDTH=100%>";
```

```php
      print "<TR><TD BGCOLOR=#EEEEEE><B>";
      $this->showTitle();
      print "</B></TD></TR><TR><TD>\n";
      $this->showResponses(1,"FFFFFF");
      print "</TD></TR></TABLE>";
   }

// get the ad for this spot and output the html for it.
// little caveat -- number isn't always a number.  it can be {top|bot}{1|2}.
function showAd($id,$number) {
   global $dbhost, $dbuser, $dbpass;
   mysql_pconnect($dbhost,$dbuser,$dbpass);
   mysql_select_db("wolfboardAds");
   $time = time();
   $query = mysql_query("select primkey, text, title, linkurl_show, views from ads where is_live=1 and
board='$id' and number='$number' and expire > '$time'");

   if(mysql_num_rows($query)) {
      $ad_data = mysql_fetch_assoc($query);

?>

<table width="100%">
<tr>
<td bgcolor="#defede"><font size="2"><b><a href="/click/<?= $ad_data[primkey] ?>/"><?= $ad_data["title"] ?>
></a></b></font><font size="2" color="#7d7d7d"> <?= $ad_data["text"] ?> - </font><font size="2"
color="#5aaa5a"><?= $ad_data["linkurl_show"] ?></font></td>
</tr>
</table>
<?php
   // update the database to show that this was viewed.
   mysql_query("update ads set views = views + 1 where primkey='$ad_data[primkey]'");
   }
   else {
?>
<table width="100%">
<tr>
<td bgcolor="#defede"><font size="2"><b><a href="/pickandclick/<?= $id ?>/<?= $number ?>/">This location
available!</b></a></font><font size="2" color="#7d7d7d"> Your ad could be here...</font><font size="2"
color="#5aaa5a">www.wolfboard.com/advertise.php</font></td>
</tr>
</table>
<?php
   }
```

```php
}

// same as above, but it makes a table row instead of a new table.
function showAdinTable($id, $number) {
    global $dbhost, $dbuser, $dbpass;
    mysql_pconnect($dbhost, $dbuser, $dbpass);
    mysql_select_db("wolfboardAds");
    $time = time();
    $query = mysql_query("select primkey, text, title, linkurl_show, views from ads where is_live=1 and
board='$id' and number='$number' and expire > '$time'");

    if(mysql_num_rows($query)) {
        $ad_data = mysql_fetch_assoc($query);
?>
<tr>
    <td bgcolor="#defede" colspan="4"><font size="2"><b><a href="/click/<?= $ad_data[primkey] ?>/"><?= $ad_data
["title"] ?></a></b></font><font size="2" color="#7d7d7d"> <?= $ad_data["text"] ?> - </font><font size="2"
color="#5aaa5a"><?= $ad_data["linkurl_show"] ?></font></td>
</tr>
<?php
    // update the database to show that this was viewed.
    mysql_query("update ads set views = views + 1 where primkey='$ad_data[primkey]'");
    } else {
?>
<tr>
    <td bgcolor="#defede" colspan="4"><font size="2"><b><a href="/pickandclick/<?= $id ?>/<?= $number ?>/">This
location available!</a></b></font><font size="2" color="#7d7d7d"> Your ad could be here. - </font><font
size="2" color="#5aaa5a">www.wolfboard.com/advertise.php</font></td>
</tr>
<?php
    }
?>
```